

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

International Application No. : PCT/EP03/12953
International Filing Date : November 19, 2003
Priority Date(s) Claimed : December 11, 2002
Applicant(s) (DO/EO/US) : Matthew FRANCIS et al.

Title: LIQUID CRYSTAL COMPOSITION FOR USE IN BISTABLE LIQUID CRYSTAL DEVICES

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows:

Timing and Fees

- ☒ Under 37 C.F.R. § 1.97(b), no fee or statement is required for filing this information disclosure statement is filed:
- ☐ within three months of the filing date of a national application other than a CPA under § 1.53(d);
 - ☐ within three months of the actual filing date of the national phase of a PCT application; OR
 - ☒ before the mailing of a first substantive office action (including after filing of an RCE).
- ☐ Under 37 C.F.R. § 1.97(c), this information disclosure statement is filed after the periods specified in 37 C.F.R. § 1.97(b), but before the mailing date of:
- a final rejection under 37 C.F.R. 1.113;
 - termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR
 - a notice of allowance under 37 C.F.R. § 1.311; and

is accompanied by:

- ☐ the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
- ☐ a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).

☐ Under 37 C.F.R. § 1.97(d), this information disclosure statement is filed after the mailing date of the following actions which have not been withdrawn:

- ☐ a final action under 37 C.F.R. § 1.113;
- ☐ termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2);
- ☐ OR a notice of allowance under 37 C.F.R. § 1.311;

AND is filed on or before payment of the issue fee; AND is accompanied by:

the statement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of \$180.00 under 37 C.F.R. § 1.17(p).

Statements Under 37 C.F.R. 1.97(e)

- ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.

Cited Materials

- ☐ Copies of materials listed but not attached were cited in benefit (35 U.S.C. § 120) ancestor application Serial No. _____, on Form 892 by the Examiner and/or Form 1449 by the applicant; see 37 C.F.R. § 1.98(d).
- ☒ Copies of materials listed but not attached were cited in an international search report dated April 29, 2004.
- ☐ Not required by 37 CFR § 1.98.
- ☐ Copies of the materials listed are attached (except for the foregoing).

Non-English Language References

☒ An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).

☐ A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:

X = document of particular relevance when it is taken alone

Y = document of particular relevance when it is combined with another such document

A = document defining the general state of the art

O = non-written disclosure

P = intercalated document

T = document cited to understand the theory or principle underlying the invention

E = patent document which has the benefit of a date earlier than the filing date and which was published only on or after this filing date

D = cited in the application

L = cited for another reason

& = publication of member of same patent family

☐ Translation of other relevant information on foreign search report

[insert necessary translation here]

Other Information

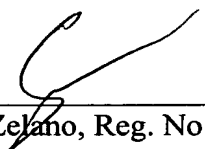
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☐ Please charge to Deposit Account No. 13-3402 \$_____ for the fee identified above.

☒ The Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,



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Attorney Docket No.: MERCK-3035

Date: June 10, 2005

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	Unassigned
Filing Date	June 10, 2005
First Named Inventor	Matthew FRANCIS et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	MERCK-3035

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	2002086120		Jacob Thomas et al	July 4, 2002
	2	6440506		Kojima et al.	August 27, 2002
	3	2003209691		Hirschmann Harald et al	November 13, 2003
	4	6569503			May 27, 2003
	5	6544602			April 8, 2003
	6	2002197420			December 26, 2002
	7	6514579			February 4, 2003
	8	2003113482			June 19, 2003
	9	5976407			November 2, 1999
	10	2003224125			December 4, 2003
	11	6249332			June 19, 2001

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	12	WO	0140853		The Secretary of State for Defence	June 7, 2001		
	13	DE	10020059		Merck Patent GmbH	January 11, 2001		Equv to cite 4
	14	DE	10020061		Merck Patent GmbH	December 7, 2000		Equv to cite 5
	15	DE	10056323		Merck Patent GmbH	June 21, 2001		Equv to cite 6
	16	DE	10018598		Merck Patent GmbH	November 2, 2000		Equv to cite 7
	17	DE	10027066		Merck Patent GmbH	January 11, 2001		Equv to cite 8
	18	WO	0164814		Merck Patent GmbH	September 7, 2001		
	19	GB	2358870		Merck Patent GmbH	August 8, 2001		Equv to cite 9
	20	DE	10112954		Merck Patent GmbH	December 13, 2001		Equv to cite 10
	21	WO	9934251		The Secretary of State For Defence	July 8, 1999		
	22	WO	0208825		Qinetic LTD	January 31, 2002		
	23	WO	9714990		The Secretary of State For Defence	April 24, 1997		Equv to cite 11

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